

### ABSTRACT

5           The present invention is directed to absorbent composites comprising  
superabsorbent materials. The superabsorbent material has: an Absorption Time of  
about  $5+10 a^2$  minutes or greater, where  $a$  is the mean particle size of the superabsorbent  
material in millimeters; a capacity of about 15 g/g or greater; a Drop Penetration Value of  
about 2 seconds or less; and, a  $\frac{1}{2}$  Float Saturation of 50% or less. The present invention  
10 is further directed to fiber-containing fabrics and webs comprising superabsorbent  
materials and their applicability in disposable personal care products.